

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		21 and ((carbon with activ\$4) with (40% or 50% or 60% or 70% or 80% or %40 or %50 or %60 or %70 or %80))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 15:49
		21 and ((carbon with activ\$4) with (40% or 50% or 60% or 70% or 80% or %40 or %50 or %60 or %70 or %80))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 15:49
		((first or one) with filter with high with ph)) and ((two or second) with filter with low with ph))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 10:17
L5	235749	(deodori\$6 or purify\$6 or purificat\$4).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 13:42
L6	1593	((alkaline or alkali) near7 filter) and ((acid or acidic) near7 (filter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 13:42
L7	119	L5 and L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 13:42
L8	88	L7 and @ad<"20041020"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 13:42

L9	0	L8 and (activat\$4 near5 carbon near5 paper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 13:42
L10	0	L8 and (carbon near5 paper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 13:42
L11	7	L8 and (carbon with paper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 13:42
L12	35	(US-20030017565-\$).did. or (US-5047022-\$ or US-5883245-\$ or US-6335075-\$ or US-6521553-\$ or US-4306080-\$ or US-6726936-\$ or US-5019599-\$ or US-4207184-\$ or US-6302946-\$ or US-5993661-\$).did. or (EP-893128-\$).did. or (JP-2001079317-\$ or JP-2000146279-\$ or JP-2000084337-\$ or JP-2000084058-\$ or JP-2000084056-\$ or JP-06023024-\$ or JP-62074424-\$ or JP-2001300220-\$ or JP-2001070419-\$ or JP-2000167034-\$ or JP-10263067-\$ or JP-09308813-\$).did. or (JP-2003275288-\$ or JP-2003202145-\$ or JP-2000202013-\$ or JP-2000152982-\$ or JP-2000146279-\$ or JP-2000084058-\$ or JP-11244365-\$ or EP-893128-\$ or JP-10174831-\$ or JP-01288318-\$ or JP-62001752-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/02 13:43
L13	1	12 and (carbon with paper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 13:43

L14	3325	((alkaline or alkali or base or basic) near7 filter) and ((acid or acidic) near7 (filter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 13:47
L15	3122	(activ\$4) with (carbon) with paper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 13:48
L16	29	14 and 15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 13:48
L17	16	16 and @ad<"20041020"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 13:48
L18	37	(US-20030017565-\$).did. or (US-5047022-\$ or US-5883245-\$ or US-6335075-\$ or US-6521553-\$ or US-4306080-\$ or US-6726936-\$ or US-5019599-\$ or US-4207184-\$ or US-6302946-\$ or US-5993661-\$ or US-6071479-\$).did. or (EP-893128-\$).did. or (JP-2001079317-\$ or JP-2000146279-\$ or JP-2000084337-\$ or JP-2000084058-\$ or JP-2000084056-\$ or JP-06023024-\$ or JP-62074424-\$ or JP-2001300220-\$ or JP-2001070419-\$ or JP-2000167034-\$ or JP-10263067-\$ or JP-09308813-\$ or JP-05068832-\$).did. or (JP-2003275288-\$ or JP-2003202145-\$ or JP-2000202013-\$ or JP-2000152982-\$ or JP-2000146279-\$ or JP-2000084058-\$ or JP-11244365-\$ or EP-893128-\$ or JP-10174831-\$ or JP-	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/02 14:31

		01288318-\$ or JP-62001752-\$).did.				
L19	31502	(phthalocyanine) and ((cobalt or CO) and (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 14:32
L20	9	18 and 19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 14:32
L21	37	(US-20030017565-\$).did. or (US-5047022-\$ or US-5883245-\$ or US-6335075-\$ or US-6521553-\$ or US-4306080-\$ or US-6726936-\$ or US-5019599-\$ or US-4207184-\$ or US-6302946-\$ or US-5993661-\$ or US-6071479-\$).did. or (EP-893128-\$).did. or (JP-2001079317-\$ or JP-2000146279-\$ or JP-2000084337-\$ or JP-2000084058-\$ or JP-2000084056-\$ or JP-06023024-\$ or JP-62074424-\$ or JP-2001300220-\$ or JP-2001070419-\$ or JP-2000167034-\$ or JP-10263067-\$ or JP-09308813-\$ or JP-05068832-\$).did. or (JP-2003275288-\$ or JP-2003202145-\$ or JP-2000202013-\$ or JP-2000152982-\$ or JP-2000146279-\$ or JP-2000084058-\$ or JP-11244365-\$ or EP-893128-\$ or JP-10174831-\$ or JP-01288318-\$ or JP-62001752-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/02 15:48
L22	1	21 and ((carbon with activ \$4) with ("40%" or "50%" or "60%" or "70%" or "80%" or "%40" or "%50" or "%60" or "%70" or "%80"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 15:50

L23	5	("7306660").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/02 15:58
L24	2	"20070243112"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 16:42
L25	2681	(422/101).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/02 16:42
S1	2	("6335075").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/02 08:33
S2	5	("7306660").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/02 08:35
S3	4	("5047022"   "5883245"   "6335075"   "6521553"). PN. OR ("7306660"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/02 08:37
S4	2	("6177069").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/02 08:44
S5	2	("6863921").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/02 08:48
S6	81147	\$6phthalocyanine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 08:59

S7	235749	(deodori\$6 or purify\$6 or purificat\$4).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 08:59
S8	660	S6 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 08:59
S9	536	S8 and @ad<"20041020"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 09:00
S10	103	S9 and filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 09:00
S11	39	S10 and ph	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 09:02
S12	21925	S6 and filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 09:28
S13	736061	(deodori\$6 or purify\$6 or purificat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 09:28
S14	3715	S12 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 09:28

S15	19	((one or first) with filter with high with ph) and ((two or second) with filter with low with ph)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 10:17
S16	7	S15 and @ad<"20041020"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 10:17
S17	229	(filter with high with ph) and (filter with low with ph)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 10:20
S18	22	S7 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 10:20
S19	7	S18 and @ad<"20041020"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 10:20
S20	35833	(high with ph) and (low with ph)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 10:22
S21	13766	S13 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 10:22
S22	1038	S7 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 10:22

S23	628	S22 and filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 10:23
S24	424	S23 and @ad<"20041020"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 10:23
S25	2	("6302946").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/02 11:26
S26	235749	(deodori\$6 or purify\$6 or purificat\$4).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 11:34
S27	736061	(deodori\$6 or purify\$6 or purificat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 11:34
S28	35833	(high with ph) and (low with ph)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 11:34
S29	13766	S27 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 11:34
S30	1038	S26 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 11:34



S31	628	S30 and filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 11:34
S32	424	S31 and @ad< "20041020"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 11:34
S33	1878	(base or basic) near7 (filter) and (acid or acidic) near7 filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 11:43
S34	119	S26 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 11:43
S35	88	S34 and @ad< "20041020"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 11:43
S36	21	("20020062740"   "20020129711"   "20030032556"   "20030089237"   "20030092560"   "20040237790"   "3849332"   "3944403"   "4236902"   "4510193"   "4565727"   "5486410"   "5772738"   "5871569"   "6120841"   "6156089"   "6299771").PN. OR ("7132007").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/02 11:45
S37	13	S36 and (ph or basic or base or acid or acidic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 12:06

S38	1593	((alkaline or alkali) near7 filter) and ((acid or acidic) near7 (filter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 12:14
S39	119	S26 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 12:15
S40	88	S39 and @ad<"20041020"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/02 12:15

**EAST Search History (Interference)**

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